

The background image is a landscape photograph taken during a heavy rainstorm. Numerous vertical white streaks representing rain fall across the entire frame. In the foreground on the left, there is a large, dense bush with many bright orange and yellow leaves. To its right, a bare, dark tree stands in a grassy field. In the background, another bare tree is visible under a dark, overcast sky. The overall mood is somber and powerful.

Climate Change Planning

Warrant Article 33

March 11, 2013

Hurricane Irene



October 2011



Hurricane Sandy



WINTER STORM NEMO

FALL TOTAL FORECAST



Floods of 2010

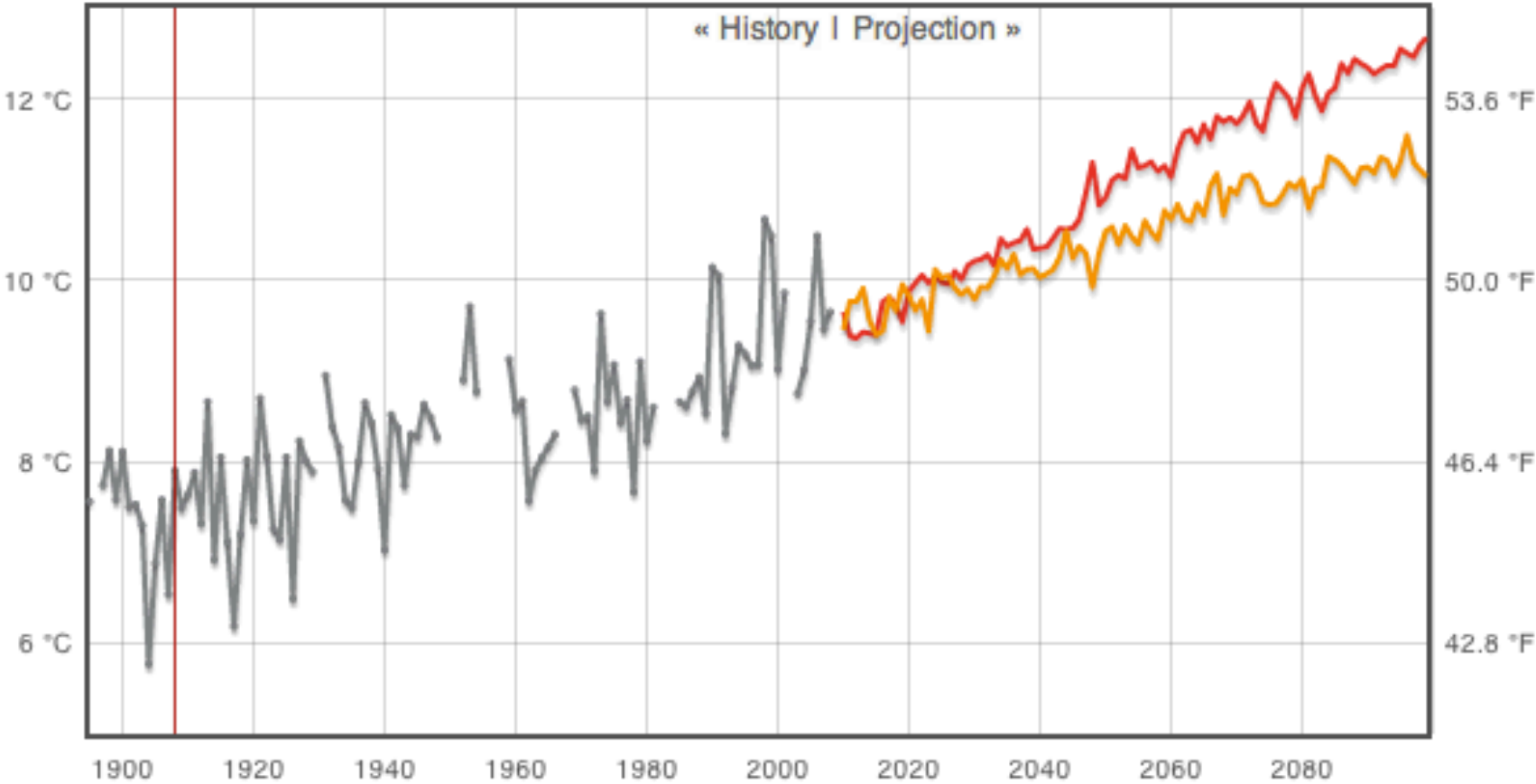


Local Climate Change for Bedford

Average Temperature

Average Temperature Precipitation Snow

Data sources: [GHCN](#); [Maurer et al. \(2009\)](#)



☒ Show post-1900 trend: **2.1 °C per century**

Successful Climate Action Plans

- High degree of community engagement
- Reduce emissions and increase resilience
- Set long term goals (10, 20, 40 years)
 - Short term achievable actions (3 years)
 - Measure results annually
 - By sectors
- Risk benefit analysis drives priorities
- Developed with input from all stakeholders



Climate Action Sectors

- Buildings
- Energy
- Water
- Transportation
- Food
- Waste
- Land Use and Natural Environment
- Public Safety & Emergency Preparedness



Article 33 Motion

Resolved:

That the Town (a) include climate change in all its decisions and planning processes; (b) take action to prepare for the impacts of a changing climate; (c) reduce greenhouse gas emissions; (d) develop and implement a comprehensive climate action plan; all with the goal of making Lexington a truly sustainable community.

